

# PATENT COOPERATION TREATY

# PCT

## INTERNATIONAL PRELIMINARY REPORT ON PATENTABILITY (Chapter I of the Patent Cooperation Treaty)

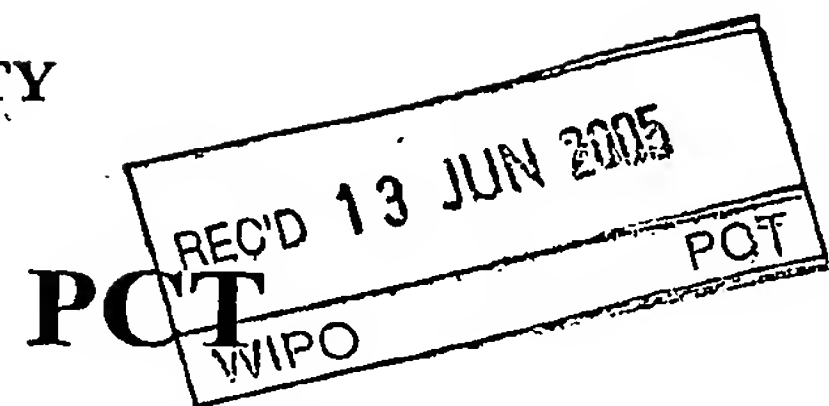
(PCT Rule 44bis)

Applicant's or agent's file reference	<b>FOR FURTHER ACTION</b>		See item 4 below
International application No. PCT/BR2005/000032	International filing date ( <i>day/month/year</i> ) 14 March 2005 (14.03.2005)	Priority date ( <i>day/month/year</i> ) 23 March 2004 (23.03.2004)	
International Patent Classification (8th edition unless older edition indicated) See relevant information in Form PCT/ISA/237			
Applicant GRAZZIOTIN, Fernando Alberto			

1.	This international preliminary report on patentability (Chapter I) is issued by the International Bureau on behalf of the International Searching Authority under Rule 44 bis.1(a).																								
2.	This REPORT consists of a total of 4 sheets, including this cover sheet.  In the attached sheets, any reference to the written opinion of the International Searching Authority should be read as a reference to the international preliminary report on patentability (Chapter I) instead.																								
3.	<p>This report contains indications relating to the following items:</p> <table style="width: 100%; border: none;"> <tr> <td style="width: 10%; text-align: center;"><input checked="" type="checkbox"/></td> <td style="width: 30%;">Box No. I</td> <td style="width: 60%;">Basis of the report</td> </tr> <tr> <td style="text-align: center;"><input type="checkbox"/></td> <td>Box No. II</td> <td>Priority</td> </tr> <tr> <td style="text-align: center;"><input type="checkbox"/></td> <td>Box No. III</td> <td>Non-establishment of opinion with regard to novelty, inventive step and industrial applicability</td> </tr> <tr> <td style="text-align: center;"><input type="checkbox"/></td> <td>Box No. IV</td> <td>Lack of unity of invention</td> </tr> <tr> <td style="text-align: center;"><input checked="" type="checkbox"/></td> <td>Box No. V</td> <td>Reasoned statement under Article 35(2) with regard to novelty, inventive step or industrial applicability; citations and explanations supporting such statement</td> </tr> <tr> <td style="text-align: center;"><input type="checkbox"/></td> <td>Box No. VI</td> <td>Certain documents cited</td> </tr> <tr> <td style="text-align: center;"><input type="checkbox"/></td> <td>Box No. VII</td> <td>Certain defects in the international application</td> </tr> <tr> <td style="text-align: center;"><input type="checkbox"/></td> <td>Box No. VIII</td> <td>Certain observations on the international application</td> </tr> </table>	<input checked="" type="checkbox"/>	Box No. I	Basis of the report	<input type="checkbox"/>	Box No. II	Priority	<input type="checkbox"/>	Box No. III	Non-establishment of opinion with regard to novelty, inventive step and industrial applicability	<input type="checkbox"/>	Box No. IV	Lack of unity of invention	<input checked="" type="checkbox"/>	Box No. V	Reasoned statement under Article 35(2) with regard to novelty, inventive step or industrial applicability; citations and explanations supporting such statement	<input type="checkbox"/>	Box No. VI	Certain documents cited	<input type="checkbox"/>	Box No. VII	Certain defects in the international application	<input type="checkbox"/>	Box No. VIII	Certain observations on the international application
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4.	The International Bureau will communicate this report to designated Offices in accordance with Rules 44bis.3(c) and 93bis.1 but not, except where the applicant makes an express request under Article 23(2), before the expiration of 30 months from the priority date (Rule 44bis .2).																								

<p style="text-align: center;">The International Bureau of WIPO 34, chemin des Colombettes 1211 Geneva 20, Switzerland</p> <p>Facsimile No. +41 22 338 82 70</p>	<p>Date of issuance of this report 26 September 2006 (26.09.2006)</p> <p>Authorized officer  <div style="text-align: center; font-weight: bold;">Simin Baharlou</div></p> <p>e-mail: pt09@wipo.int</p>
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# PATENT COOPERATION TREATY



To:

GRAZZIOTIN, FERNANDO ALBERTO  
Rua Francisco Alves 396  
Vila Rodrigues  
Passo Fundo, Rs 99070-130  
Brazil

## WRITTEN OPINION OF THE INTERNATIONAL SEARCHING AUTHORITY

(PCT Rule 43bis.1)

Date of mailing (day/month/year) 8 June 2005 (08.06.2005)		
Applicant's or agent's file reference	FOR FURTHER ACTION See paragraph 2 below	
International application No. PCT/BR 2005/000032	International filing date (day/month/year) 14 March 2005 (14.03.2005)	Priority Date (day/month/year) 23 May 2004 (23.05.2004)
International Patent Classification (IPC) or both national classification and IPC B65F 1/06		
Applicant  GRAZZIOTIN, FERNANDO ALBERTO		

**1. This opinion contains indications relating to the following items:**

- ☒ Cont. No. I Basis of the opinion
- ☐ Cont. No. II Priority
- ☐ Cont. No. III Non-establishment of opinion with regard to novelty, inventive step and industrial applicability
- ☐ Cont. No. IV Lack of unity of invention
- ☒ Cont. No. V Reasoned statement under Rule 43bis.1(a)(i) with regard to novelty, inventive step or industrial applicability; citations and explanations supporting such statement
- ☐ Cont. No. VI Certain documents cited
- ☐ Cont. No. VII Certain defects in the international application
- ☐ Cont. No. VIII Certain observations on the international application

**2. FURTHER ACTION**

If a demand for international preliminary examination is made, this opinion will be considered to be a written opinion of the International Preliminary Examining Authority ("IPEA") except that this does not apply where the applicant chooses an Authority other than this one to be the IPEA and the chosen IPEA has notified the International Bureau under Rule 66.1 bis(b) that written opinions of this International Searching Authority will not be so considered.

If this opinion is, as provided above, considered to be a written opinion of the IPEA, the applicant is invited to submit to the IPEA a written reply together, where appropriate, with amendments, before the expiration of 3 months from the date of mailing of Form PCT/ISA/220 or before the expiration of 22 months from the priority date, whichever expires later.

For further options, see Form PCT/ISA/220.

**3. For further details, see notes to Form PCT/ISA/220.**

Name and mailing address of the ISA/ AT <b>Austrian Patent Office</b> Dresdner Straße 87, A-1200 Vienna  Facsimile No. +43 / 1 / 534 24 / 535	Authorized officer GÖRTLER M.  Telephone No. +43 / 1 / 534 24 / 365
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**WRITTEN OPINION OF THE  
INTERNATIONAL SEARCHING AUTHORITY**

International application No.  
PCT/BR 2005/000032

**Continuation No. I**

**Basis of the opinion**

1. With regard to the **language**, this opinion has been established on the basis of the international application in the language in which it was filed.

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**Continuation No. V**

**Reasoned statement under Rule 43bis.1(a)(i) with regard to novelty, inventive step or industrial applicability; citations and explanations supporting such statement**

**1. Statement**

Novelty (N)	Claims 3-6	YES
	Claims 1-2	NO
Inventive step (IS)	Claims 3-6	YES
	Claims 1-2	NO
Industrial applicability (IA)	Claims 1-6	YES
	Claims ----	NO

**2. Citations and explanations:**

D1: US 3888406 A

D2: US 6102239 A

D3: JP 07 315502 A

D1, D2 and D3 show sets of detachable bags designed to be used in trash containers wherein each bag is nested in the subsequent one and wherein the set of bags has a fold near its opening so that the edges of the opening of all bags are covered by the innermost bag. So each of the documents D1, D2 and D3 shows all features of the claims 1 and 2 of the application, therefore these claims are not new and not inventive.

None of the cited documents shows that the set of bags has lateral openings or a bushing in said lateral openings. So novelty of the claims 3-5 is given.

None of the cited documents shows that each bag of the set is turned relative to the subsequent one, so novelty of claim 6 is given.

**WRITTEN OPINION OF THE  
INTERNATIONAL SEARCHING AUTHORITY**

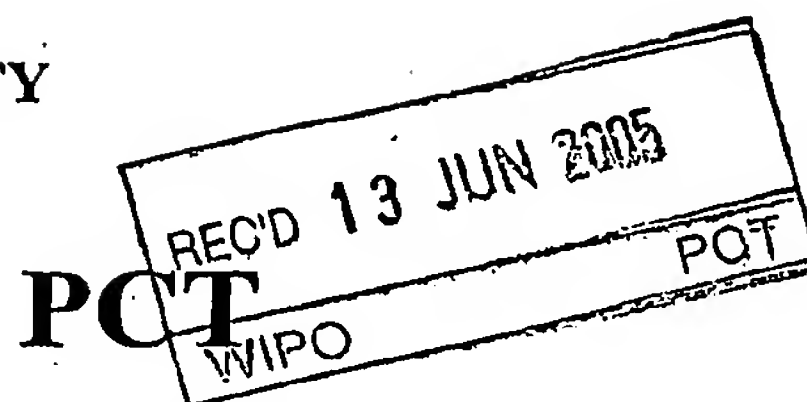
International application No.  
PCT/BR 2005/000032

Inventive step of the claims 3-6 is also given because there is no obvious way from the cited documents to the subject matters of the claims 3-6.

Industrial applicability is given.

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**2. FURTHER ACTION**

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**WRITTEN OPINION OF THE  
INTERNATIONAL SEARCHING AUTHORITY**

International application No.  
PCT/BR 2005/000032

**Continuation No. I**

**Basis of the opinion**

1. With regard to the **language**, this opinion has been established on the basis of the international application in the language in which it was filed.

**Continuation No. V**

**Reasoned statement under Rule 43bis.1(a)(i) with regard to novelty, inventive step or industrial applicability; citations and explanations supporting such statement**

**1. Statement**

Novelty (N)	Claims 3-6	YES
	Claims 1-2	NO
Inventive step (IS)	Claims 3-6	YES
	Claims 1-2	NO
Industrial applicability (IA)	Claims 1-6	YES
	Claims ----	NO

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WRITTEN OPINION OF THE  
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